Supplemental Materials

Surrounding Greenness and Exposure to Air Pollution During

Pregnancy: An Analysis of Personal Monitoring Data

Payam Dadvand ^{1,2,3}; Audrey de Nazelle ^{1,2,3}; Margarita Triguero-Mas ¹; Anna Schembari ^{1,2,3,4}; Marta Cirach ¹; Elmira Amoly ⁴; Francesc Figueras ⁵; Xavier Basagaña ^{1,2,3}; Bart Ostro ^{1,6}; Mark Nieuwenhuijsen ^{1,2,3}

¹ Centre for Research in Environmental Epidemiology (CREAL), Barcelona, Spain.

² Municipal Institute of Medical Research (IMIM-Hospital del Mar), Barcelona, Spain.

³ CIBER Epidemiologia y Salud Pública (CIBERESP), Spain.

⁴ Department of Experimental and Health Sciences, Pompeu Fabra University, Spain.

⁵ Department of Maternal-Foetal Medicine, ICGON, Hospital Clinic-IDIBAPS, University of Barcelona, Spain.

⁶ Office of Environmental Health Hazard Assessment, California Environmental Protection Agency, Oakland, CA, USA.

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Supplemental Material, Table S1. Regression coefficients (95% confidence interval (CI)) of change in personal and microenvironmental pollutant levels (μ g/m³) due to an inter-quartile range increase in the average NDVI within a buffer of 100m around maternal residential addresses separately for 64 sampling rounds (including two sampling rounds for 11 participants) and 53 sampling rounds (one sampling round per participant).

Measurements	PN	N _{2.5}	N	NO _x					
	64 sampling	53 sampling	64 sampling	53 sampling rounds					
	rounds	rounds	rounds						
Personal (Un-adjusted)	-5.2 (-9.4, -0.9)	-6.0 (-10.7, -1.3)	-2.6 (-15.3, 10.1)	-3.1 (-16.5, 10.2)					
Personal (Adjusted) ^a	-5.9 (-10.0, -1.8)	-6.1 (-10.7, -1.4)	-5.1 (-18.6, 8.4)	-3.7 (-18.4, 10.9)					
Home-indoor ^b	-6.1 (-10.6, -1.6)	-6.2 (-11.1, -1.3)	-9.5 (-24.4, 5.3)	-7.9 (-24.8, 8.9)					
Home-outdoor ^c	-4.4 (-9.5, 0.7)	-5.5 (-11.2, 0.2)	-5.8 (-17.6, 6.0)	-1.9 (-11.8, 8.0)					

a Adjusted for time spent at home (sum of time spent at home-indoor and home-outdoor), smoking (active and passive), use of gas cooking appliances, time spent in transfer, and MEDEA index of neighborhood deprivation.

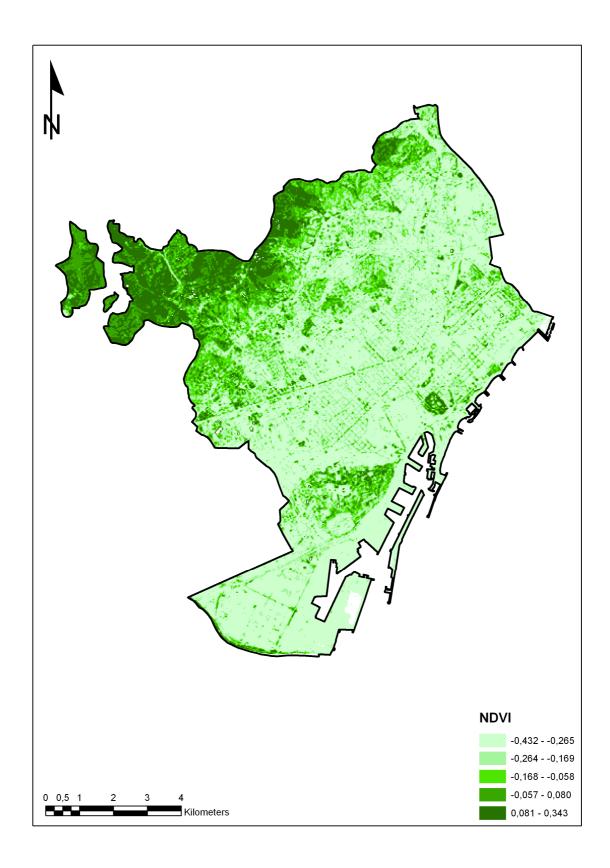
b Adjusted for the temperature at home-indoor on the first day of sampling round, the use of gas cooking appliances, smoking (active and passive), the number of inhabitants, and MEDEA index of neighborhood deprivation.

c Adjusted for the traffic intensity in the buffer of 100m around maternal residential address, the height of the monitor, and MEDEA index of neighborhood deprivation.

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Supplemental Material, Figure S1. Time-Microenvironment-Activity-Diary.



Supplemental Material, Figure S2. Map of Normalized Difference Vegetation Index across Barcelona, August 10th, 2000.